Refine Search

Search Results -

Terms	Documents
L10 or L9	20

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database

Database:

EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index

IBM Technical Disclosure Bulletins

Search:

L11			Refine Search
	Recall Text	Clear	Interrupt

Search History

DATE: Thursday, November 08, 2007 Purge Queries Printable Copy Create Case

Set Name side by side		Hit Count S	et Name result set
DB=PG	F.P.B., USPT, USOC, EPAB, JPAB, DWPI, TDBD; PLUR=YE	ES; OP=ADJ	
<u>L11</u>	L10 or 19	20	<u>L11</u>
<u>L10</u>	aromatic dicarboxylic acid.ti. and 18	3	<u>L10</u>
<u>L9</u>	terephthalic acid.ti. and 18	17	<u>L9</u>
<u>L8</u>	L7 and acetic acid	100	<u>L8</u>
<u>L7</u>	L6 and crystal\$9	100	<u>L7</u>
<u>L6</u>	L5 and 562/\$	101	<u>L6</u>
<u>L5</u>	L4 and evaporat\$9 and (energy or internal enenrgy)	459	<u>L5</u>
<u>L4</u>	L3 and centrifug\$9	1561	<u>L4</u>
<u>L3</u>	L2 and hydrogen\$9	10908	<u>L3</u>
<u>L2</u>	terephthalic acid and oxygen and catalyst	13543	<u>L2</u>
L1	terephthalic acid and oxygen and catalyst	13543	<u>L1</u>

END OF SEARCH HISTORY

Hit List

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Search Results - Record(s) 1 through 10 of 20 returned.

☐ 1. Document ID: US 20070238899 A9

L11: Entry 1 of 20

File: PGPB

Oct 11, 2007

PGPUB-DOCUMENT-NUMBER: 20070238899

PGPUB-FILING-TYPE: us-republication-corrected

DOCUMENT-IDENTIFIER: US 20070238899 A9

TITLE: Optimized production of aromatic dicarboxylic acids

PUBLICATION-DATE: October 11, 2007

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20060047164 A1

March 2, 2006

INVENTOR - INFORMATION:

NAME

CITY

STATE

COUNTRY

Lin; Robert

Kingsport

TN

US

de Vreede; Marcel

Barendrecht

NL

US-CL-CURRENT: <u>562/487</u>

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawu C
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	---------

Document ID: US 20070015935 A1

L11: Entry 2 of 20

File: PGPB

Jan 18, 2007

PGPUB-DOCUMENT-NUMBER: 20070015935

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070015935 A1

TITLE: Method for producing high purity terephthalic acid

PUBLICATION-DATE: January 18, 2007

INVENTOR - INFORMATION:

NAME CITY STATE COUNTRY

Fujita; Hideaki Kurashiki-shi, Okayama JP

Machida; Hiroshi Kurashiki-shi, Okayama JP Namiki; Nobuo Kurashiki-shi, Okayama JP

Page 2 of 5 Record List Display

Waguri; Yoshio

Kurashiki-shi, Okayama

JP

US-CL-CURRENT: <u>562/410</u>; <u>562/486</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMI	Drawii D

☐ 3. Document ID: US 20060264666 A1

L11: Entry 3 of 20

File: PGPB

Nov 23, 2006

Jun 15, 2006

PGPUB-DOCUMENT-NUMBER: 20060264666

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060264666 A1

TITLE: Enriched terephthalic acid composition

PUBLICATION-DATE: November 23, 2006

INVENTOR - INFORMATION:

CITY STATE COUNTRY NAME Gibson; Philip Edward Kingsport TN US TN US Parker; Kenny Randolph Afton TNUS Kingsport Sheppard; Ronald Buford

US-CL-CURRENT: 562/485

L11: Entry 4 of 20

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draws D

File: PGPB

4. Document ID: US 20060128987 A1

PGPUB-DOCUMENT-NUMBER: 20060128987

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060128987 A1

TITLE: Process for the oxidative purification of terephthalic acid

PUBLICATION-DATE: June 15, 2006

INVENTOR-INFORMATION:

CITY STATE COUNTRY NAME Kingsport TN US Sheppard; Ronald Buford TN US Tennant; Brent Alan Kingsport US Woodruff; Thomas Earl Kingsport TNUS Kingsport TNLin; Robert O'Meadhra; Ruairi Seosamh Kingsport TN US

US-CL-CURRENT: 562/410

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw De

5. Document ID: US 20060047165 A1

L11: Entry 5 of 20

File: PGPB

Mar 2, 2006

PGPUB-DOCUMENT-NUMBER: 20060047165

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060047165 A1

TITLE: Optimized production of aromatic dicarboxylic acids

PUBLICATION-DATE: March 2, 2006

INVENTOR-INFORMATION:

CITY STATE COUNTRY NAME

Kingsport TNUS Lin; Robert NLBarendrecht Vreede; Marcel de

US-CL-CURRENT: 562/487

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw. De

6. Document ID: US 20060047164 A1

L11: Entry 6 of 20

File: PGPB

Mar 2, 2006

PGPUB-DOCUMENT-NUMBER: 20060047164

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060047164 A1

TITLE: Optimized production of aromatic dicarboxylic acids

PUBLICATION-DATE: March 2, 2006

INVENTOR-INFORMATION:

COUNTRY CITY STATE NAME

TNUS Kingsport Lin; Robert NL Barendrecht de Vreede; Marcel

US-CL-CURRENT: <u>562/487</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw. De

7. Document ID: US 20060014979 A1

Jan 19, 2006 Lll: Entry 7 of 20 File: PGPB

PGPUB-DOCUMENT-NUMBER: 20060014979

Record List Display

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060014979 A1

TITLE: Process for producing terephthalic acid

PUBLICATION-DATE: January 19, 2006

INVENTOR-INFORMATION:

STATE COUNTRY CITY NAME

Numata; Motoki Kitakyusyu JP JΡ Kitakyusyu Isogai; Takayuki JΡ Ogata; Tomohiko Matsuyama

US-CL-CURRENT: <u>562/410</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KM	urawi u

8. Document ID: US 20040110981 A1

Jun 10, 2004 Ll1: Entry 8 of 20 File: PGPB

PGPUB-DOCUMENT-NUMBER: 20040110981

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040110981 A1

TITLE: Process for the oxidative purification of terephthalic acid

PUBLICATION-DATE: June 10, 2004

INVENTOR-INFORMATION:

CITY STATE COUNTRY NAME Sheppard, Ronald Buford Voorburg TNNLTennant, Brent Alan Kingsport TN US Woodruff, Thomas Earl TNUS Kingsport Kingsport US Lin, Robert

US-CL-CURRENT: <u>562/486</u>; <u>562/606</u>

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawi D

☐ 9. Document ID: US 7262323 B2

L11: Entry 9 of 20 File: USPT Aug 28, 2007

US-PAT-NO: 7262323

DOCUMENT-IDENTIFIER: US 7262323 B2

TITLE: Method for producing high purity terephthalic acid

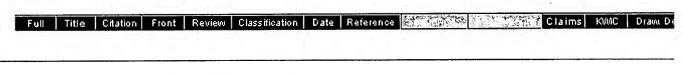
PRIOR-PUBLICATION:

DOC-ID

DATE

US 20070015935 A1

January 18, 2007



☐ 10. Document ID: US 7161027 B2

L11: Entry 10 of 20

File: USPT

Jan 9, 2007

US-PAT-NO: 7161027

DOCUMENT-IDENTIFIER: US 7161027 B2

TITLE: Process for the oxidative purification of terephthalic acid

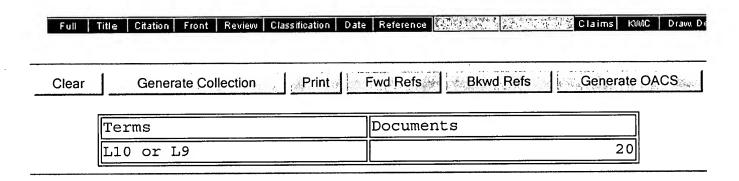
PRIOR-PUBLICATION:

DOC-ID

DATE

US 20040110981 A1

June 10, 2004



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Search Results - Record(s) 11 through 20 of 20 returned.

☐ 11. Document ID: US 6307099 B1

L11: Entry 11 of 20

File: USPT

Oct 23, 2001

US-PAT-NO: 6307099

DOCUMENT-IDENTIFIER: US 6307099 B1

TITLE: Production of terephthalic acid

Full Title Citation Front Review Classification Date Reference Seviences Affectments Claims KWC Draw. De

☐ 12. Document ID: US 5877346 A

L11: Entry 12 of 20

File: USPT

Mar 2, 1999

US-PAT-NO: 5877346

DOCUMENT-IDENTIFIER: US 5877346 A

TITLE: Process for the production of terephthalic acid

Full Title Citation Front Review Classification Date Reference Sequences Attentioned Claims KWIC Draw De

☐ 13. Document ID: US 5705682 A

L11: Entry 13 of 20

File: USPT

Jan 6, 1998

US-PAT-NO: 5705682

DOCUMENT-IDENTIFIER: US 5705682 A

TITLE: Process for producing highly pure terephthalic acid

Full Title Citation Front Review Classification Date Reference Securities Affachments Claims KMC Draw. De

☐ 14. Document ID: US 5567842 A

L11: Entry 14 of 20

File: USPT

Oct 22, 1996

US-PAT-NO: 5567842

DOCUMENT-IDENTIFIER: US 5567842 A

** See image for Certificate of Correction **

TITLE: Process for producing terephthalic acid

Full Title Citation Front Review Classification Date Reference

☐ 15. Document ID: US 5563293 A

L11: Entry 15 of 20

File: USPT

Oct 8, 1996

US-PAT-NO: 5563293

DOCUMENT-IDENTIFIER: US 5563293 A

TITLE: Process for the production of terephthalic acid

Full Title Citation Front Review Classification Date Reference <mark>高級原金 多分光 多分光 是有是</mark> Claims KMC Draw. De

☐ 16. Document ID: US 5527957 A

L11: Entry 16 of 20

File: USPT

Jun 18, 1996

US-PAT-NO: 5527957

DOCUMENT-IDENTIFIER: US 5527957 A

TITLE: Process for the production of terephthalic acid

Full Title Citation Front Review Classification Date Reference

☐ 17. Document ID: US 4772748 A

L11: Entry 17 of 20

File: USPT

Sep 20, 1988

US-PAT-NO: 4772748

DOCUMENT-IDENTIFIER: US 4772748 A

TITLE: Process for producing highly pure terephthalic acid

Full Title Citation Front Review Classification Date Reference Classification Date Reference Classification Classification Date Reference

18. Document ID: US 4438279 A

L11: Entry 18 of 20

File: USPT

Mar 20, 1984

US-PAT-NO: 4438279

DOCUMENT-IDENTIFIER: US 4438279 A

TITLE: Fiber-grade <u>terephthalic acid</u> recovered from the effluent from paraxylene oxidation in <u>acetic acid</u> and the catalytic <u>hydrogenation</u> of the oxidation effluent in the presence of metallic platinum family metals

Full Title Citation Front Review Classification Date Reference

☐ 19. Document ID: US 4302595 A

L11: Entry 19 of 20

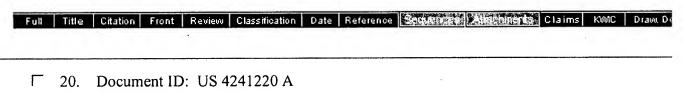
File: USPT

Nov 24, 1981

US-PAT-NO: 4302595

DOCUMENT-IDENTIFIER: US 4302595 A

TITLE: Process for the preparation of <u>terephthalic acid</u> by the hydrolysis of intermediate stage crude dimethyl terephthalate



L11: Entry 20 of 20

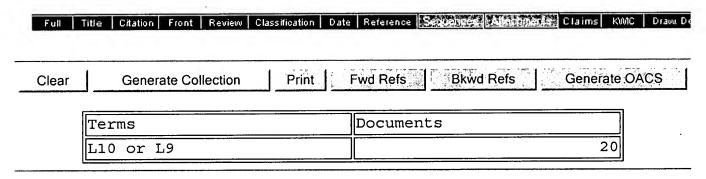
File: USPT

Dec 23, 1980

US-PAT-NO: 4241220

DOCUMENT-IDENTIFIER: US 4241220 A

TITLE: Process for producing terephthalic acid



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